

REMARKS

This application has been carefully reviewed in light of the Office Action dated May 26, 2010. Claims 1 to 18 remain in the application, of which Claims 1, 4, 10 and 13 are independent. Reconsideration and further examination are respectfully requested.

Fig. 6 of the drawings was objected to and it was asserted that the figure should include a "prior art" legend. Without conceding that all that is shown in figure 6 is indeed prior art, the figure has nonetheless been amended to include a legend and a replacement sheet for figure 6 is being provided herewith. Approval of the replacement sheet is respectfully requested.

The title of the invention was also objected to. A new title that more descriptive of the claims has been provided for as recited above. Reconsideration and withdrawal of the objection are respectfully requested.

Claim 1 was objected to. The point noted in the Office Action has been addressed by the amendments to the claims. Reconsideration and withdrawal of the objection are respectfully requested.

Claims 1, 2, 10 and 11 were rejected under 35 U.S.C. § 103(a) over U.S. Publication No. 2003/0123074 (Imai) in view of U.S. Publication No. 2003/0142683 (Lam), Claims 3 and 12 were rejected under 35 U.S.C. § 103(a) over Imai in view of Lam and further in view of allegedly admitted prior art (AAPA), Claims 4 to 6, 8, 9, 13 to 15, 17 and 18 were rejected under § 103(a) over Lam view of Imai, and Claims 7 and 16 were rejected under § 103(a) over Lam view of Imai and further in view of AAPA.

Reconsideration and withdrawal of the rejections are respectfully requested in light of the following comments.

The claims generally relate to setting wireless network information in a printing device that operates as a USB device. In the claims, a printing system includes the printing apparatus, a wireless communication terminal which is connected with the printing apparatus via a USB interface, and an information processing apparatus (e.g., a PC) that performs wireless communication with the wireless communication terminal. The printing device has a USB function controller that causes the printer to operate as a USB device, while the wireless terminal has a USB host controller. In the printer, a user uses an operation unit to input information for setting of a wireless network. The printer issues a data-receiving request to the wireless communication terminal using the USB function controller, and, when it receives a data-request command sent from the USB host controller of the wireless communication terminal, transmits the information for setting of the wireless network, input using the operation unit. The wireless communication terminal receives data from the information processing apparatus on the wireless network, and sends the data to the printing apparatus via the USB interface.

Referring specifically to the claims, Claim 4 is directed to a printing system comprising a wireless communication ~~unit~~ terminal having a wireless communicator and a USB host controller, configured to execute data reception from an information processing apparatus via a wireless network, and a printing apparatus having a USB function controller for causing the printing apparatus to operate as a USB device, and connected with said wireless communication ~~unit~~ terminal via a USB interface, configured to arrange for receiving data on a wireless network via the wireless communication terminal, the

printing apparatus comprising, an operation unit, operated by a user, configured to input information for setting of the wireless network, an issuance unit configured to issue a data-receiving request to the wireless communication terminal using the USB function controller, and a transmission unit configured to transmit the information for setting of the wireless network, input using the operation unit, to said wireless communication terminal in correspondence with a data-request command sent from the USB host controller in response to the data-receiving request, wherein the wireless communication terminal receives data from the information processing apparatus on the wireless network, and sends the data to the printing apparatus via the USB interface.

Claim 1 is directed to the printing apparatus of system Claim 4, while Claim 10 is a method claim corresponding to Claim 1, and Claim 13 is a method claim corresponding to system Claim 4.

The applied art, alone or in any permissible combination, is not seen to disclose or to suggest the features of Claims 1, 4, 10 and 13, and in particular, is not seen to disclose or to suggest at least the features of a printing apparatus having a USB function controller for causing the printing apparatus to operate as a USB device, connected with a communication terminal having a USB host controller via a USB interface, for receiving data from an information processing apparatus on a wireless network via the communication terminal, issuing a data-receiving request to the communication terminal using the USB function controller, and transmitting the information for setting the wireless network, input using said operation unit, to the communication terminal, in correspondence with a data-request command sent from the USB host controller in response to the data-receiving request.

Imai discloses an image processing apparatus which transmits and receives data between an external information processing apparatus via a USB function controller and is connected to a recording unit via a USB host controller. The image processing apparatus is connected to the recording unit as a host and the recording unit is connected to the image processing apparatus as a USB device. The image processing apparatus receives print data from the external information processing apparatus via the USB function controller, and transmits the print data to the recording unit via the USB host controller to print the print data. The image processing apparatus receives a status of printing from the recording unit via the USB host controller and transmits it to the external information processing apparatus via the USB function controller. Thus, Imai discloses data transmission and reception via the USB function controller with an external apparatus, but the external apparatus is not a communication terminal as in the present invention. In addition, Imai discloses communication with an apparatus that is directly connected via the USB function controller. That is, Imai discloses that a PC is connected to an image processing apparatus via a USB interface. Imai is not, however, seen to teach that the printing apparatus communicates with a PC via a communication terminal that is connected to the printing apparatus via the USB interface.

Lam is seen to disclose a system in which several terminals including a printer are connected to a wireless router. In the system, a computer wirelessly communicates with the wireless router and the wireless router and the several terminals communicate with each other via USB interface. Lam is not, however, seen to teach which device is a host. Lam is also not seen to teach that the printing apparatus communicates with a PC via a communication terminal that is connected to the printing apparatus via the

USB interface. Thus, the proposed combination of Imai and Lam are not seen to disclose or to suggest the foregoing features of the claims.

In view of the foregoing amendments and remarks, Claims 1 to 18 are believed to be allowable.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

/Edward Kmett/

Edward A. Kmett
Attorney for Applicants
Registration No.: 42,746

FITZPATRICK, CELLA, HARPER & SCINTO
1290 Avenue of the Americas
New York, New York 10104
Facsimile: (212) 218-2200

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